

HP Latex 500 Printer Series

Introductory Information

What is it?

Your printer is a color inkjet printer designed for printing high-quality images on flexible substrates. Some major features are:

- Sharpest print quality, smooth transitions, and fine details with its 6 colors and 1200 real dpi
- 775ml ink cartridges for HP Latex 560 and 3L ink cartridges for HP Latex 570
- Hundreds of ready-made substrate presets easily available

This introductory document includes legal notices and safety instructions, describes the use of the front panel, lists error codes that you may encounter, and gives power specifications.

Where is the user guide?

The user guide for your printer can be downloaded from:

- HP Latex 560 Printer: http://www.hp.com/go/latex560/manuals
- HP Latex 570 Printer: http://www.hp.com/go/latex570/manuals

Further information is available from:

- http://www.hp.com/go/Latex500/training
- HP Latex 560 Printer: http://www.hp.com/go/latex560/ support
- HP Latex 570 Printer: http://www.hp.com/go/latex570/support

Videos about how to use the printer can be found in:

- http://www.hp.com/supportvideos
- http://www.youtube.com/HPSupportAdvanced

Visit the HP Latex Knowledge Center to find detailed information about HP Latex products and applications, and use the forum to discuss anything business related at: http://www.hp.com/communities/HPLatex

Legal notices

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You can download the expressly provided HP Limited Warranty and Legal Information applicable to your product from the CD/DVD provided in the box. For some countries/ regions a printed HP Limited Warranty is provided in the box. In countries/regions where the warranty is not provided in printed format, you may request a printed copy from: http://www.hp.com/go/orderdocuments.

General safety guidelines

There are no operator-serviceable parts inside the printer except those covered by HP's Customer Self Repair program: see http://www.hp.com/go/selfrepair/. Refer servicing of other parts to qualified service personnel.

Turn off the printer and call your service representative in any of the following cases:

- A power cord or plug is damaged.
- The curing enclosures are damaged.
- The printer has been damaged by an impact.
- There is any mechanical or enclosure damage.
- Liquid has entered the printer.
- There is smoke or an unusual smell coming from the printer.

- The printer has been dropped or the curing module has been damaged.
- The printer is not operating normally.

Turn off the printer in either of the following cases:

- During a thunderstorm
- During a power failure

Take special care with zones marked with warning labels.

Electrical shock hazard

WARNING! The internal circuits of curing zones, curing driver and built-in power supply operate at hazardous voltages capable of causing death or serious personal injury.

The printer uses two power cords. Unplug both power cords before servicing the printer.

To avoid the risk of electric shock:

- The printer must be connected to earthed mains outlets only.
- Do not attempt to dismantle the curing modules.
- Do not remove or open any other closed system covers or plugs.
- Do not insert objects through slots in the printer.

Heat hazard

The curing subsystems of the printer operate at high temperatures and can cause burns if touched. To avoid personal injury, take the following precautions.

- Do not touch the internal enclosures of the printer's curing zones.
- Let the printer cool down when accessing to internal curing zone and output platen in case of substrate jam.
- Let the printer cool down before performing some maintenance operations.

Fire hazard

The curing subsystems of the printer operate at high temperatures.

To avoid the risk of fire, take the following precautions.

- The customer is responsible for meeting the printer's requirements and the Electrical Code requirements according to the local jurisdiction of the country where the equipment is installed. Use the power supply voltage specified on the nameplate.
- Connect the power cords to dedicated lines, each protected by a branch circuit breaker according to the information in the site preparation guide. Do not use a power strip (relocatable power tap) to connect both power cords.
- Use only the power cords supplied by HP with the printer. Do not use a damaged power cord. Do not use the power cords with other products.
- Do not insert objects through slots in the printer.
- Take care not to spill liquid on the printer. After cleaning, make sure all components are dry before using the printer again.
- Do not use aerosol products that contain flammable gases inside or around the printer. Do not operate the printer in an explosive atmosphere.
- Do not block or cover the openings in the printer body.
- Do not attempt to dismantle or modify the curing modules.
- Ensure that the operating temperature of the substrate, as recommended by its manufacturer, is not exceeded. If this information is not available, ask the manufacturer. Do not load substrates that cannot be used at an operating temperature above 125°C (257°F).
- Do not load substrates with auto-ignition temperatures below 250°C (482°F). If this information is not available, printing must be supervised at all times. See note below.

NOTE: Test method based on EN ISO 6942:2002: *Evaluation of materials and material assemblies when exposed to a source of radiant heat, method B.* The test conditions to determine the temperature when the substrate starts ignition (either flame or glow) were: Heat flux density: 30 kW/m², copper calorimeter, K-type thermocouple.

Mechanical hazard

The printer has moving parts that could cause injury. To avoid personal injury, take the following precautions when working close to the printer.

- Keep your clothing and all parts of your body away from the printer's moving parts.
- Avoid wearing necklaces, bracelets, and other hanging objects.
- If your hair is long, try to secure it so that it will not fall into the printer.
- Take care that sleeves or gloves do not get caught in the printer's moving parts.
- Avoid standing close to the fans, which could cause injury and could also affect print quality (by obstructing the air flow).
- Do not touch gears or moving rolls during printing.
- Do not operate the printer with covers bypassed.
- During media load stay at a safe distance, it is important no one is close to the printer.

Light radiation hazard

Light radiation is emitted from the illumination of the print zone. This illumination is in compliance with the requirements of the exempt group of IEC 62471:2006: *Photobiological safety of lamps and lamp systems*. However, you are recommended not to look directly at the LEDs while they are on. Do not modify the module.

Chemical hazard

Safety data sheets identify ink ingredient and ventilation requirements to ensure any airborne exposure is adequately controlled.

Current printer ink systems material safety data sheets are available at: http://www.hp.com/go/msds.

Ventilation and air conditioning

As with all equipment installations, to maintain ambient comfort levels, air conditioning or ventilation in the work area should take into account heat produced by the printer. Typically, the printer's power dissipation is 3.7 kW (12.7 kBTU/h).

Air conditioning and ventilation should meet with local environmental, health and safety (EHS) guidelines and regulations. Consult your usual air conditioning or EHS specialist for advice on the appropriate measures for your location.

For a more prescriptive approach to adequate ventilation, refer to the ANSI/ASHRAE (American Society of Heating, Refrigerating and Air-Conditioning Engineers) 62.1-2013 Ventilation for Acceptable Indoor Air Quality.

As an example, a minimum exhaust rate of 2.5 L/s.m² (0.5 cfm/ft²) of fresh make up air for "copy, printing rooms" is specified.

Special ventilation equipment (air filtration) is not required to meet U.S. OSHA requirements on occupational exposure to VOCs from water-based HP Latex Inks. Special ventilation equipment installation is at the discretion of the Customer. Customers should consult state and local requirements and regulations.

Note: The ventilation and air conditioning units should not blow air directly onto the printer.

Note: Maintaining positive air pressure in the print production room will help prevent dust from entering the room.

Note: Consider to provide a minimum of 5 ACH* (air changes per hour) of fresh air ventilation and a minimum room volume of 30m³.

*Recommendation based on a 30m³ room with only one HP printer, if there are more printers in the room, the ventilation rate should be re-calculated accordingly.

Heavy substrate hazard

Special care must be taken to avoid personal injury when handling heavy substrates.

- Handling heavy substrate rolls may require more than one person. Care must be taken to avoid back strain and/or injury.
- Consider using a forklift, pallet truck, or other handling equipment.
- When handling heavy substrate rolls, wear personal protective equipment including boots and gloves.
- Use the loading media accessories (loading table extension and lifter) when you load media rolls.

Ink handling

HP recommends that you wear gloves when handling ink system components.

The front panel

The front panel is a touch-sensitive screen with a graphical user interface; it is located on the front right of the printer. It gives you complete control of your printer: from the front panel, you can view information about the printer, change printer settings, perform calibrations and tests, and so on. The front panel also displays alerts (warning and error messages) when necessary.



There is an alternative home screen that you can see by sliding your finger across the screen to the left or pressing the widget button in the bottom central area of the screen. It summarizes the status of the ink cartridges, the substrate, and the current print job.

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The front panel has a large central area to display dynamic information and icons. On the left and right sides you can see up to six fixed icons at different times. Normally they are not all displayed at the same time.

Left and right fixed icons

	Return to the home screen.	\mathbb{P}°	View help about the current screen.
\triangleleft	Go to the previous item.	\triangleright	Go to the next item.
\bigcirc	Go back to the previous screen without discarding changes.	X	Cancel the current process.

Home-screen dynamic icons

These items are displayed only on the home screen.

- At the top left of the screen is a message showing the printer status or the most important current alert. Press this
 message to see a list of all current alerts, with an icon indicating the severity of each alert. You can press an alert to get
 help in solving the problem.
- At the top right, press to turn on or off the print-zone illumination light.

View substrate status and perform substrate-handling operations.		Open the Substrate Library and access the extensive online library of substrate presets.
View information about the job that is currently printing.		View ink-supply status and perform ink- cartridge and printhead operations.
Optimize print quality, access test plots and maintenance routines, find solutions for image problems.		View network and Internet status and change related settings.
View information about the printer.	D	Get help access the user guide.
View and change printer settings in general.		

If the printer is left idle for some time, it goes into sleep mode and switches off the front-panel display. To change the

time that elapses before sleep mode, press 🥯, then Setup > Front panel options > Sleep mode wait time. You can set a time between 5 and 240 minutes; the default is 30 minutes.

The printer wakes from sleep mode and switches on the front-panel display whenever there is some external interaction with it.

Front-panel error codes

Under certain circumstances, a numeric error code appears on the front panel. Follow the advice in the Recommendation column to resolve the error. If the recommendation does not seem to solve the problem, call your service representative.

If an error code appears on the front panel that is not included in this list, turn off the printer and then turn it back on. If the problem persists, call your service representative.

Always have your printer updated with the latest firmware version available, it will include fixes to most common errors.

Error code	Recommendation
03.21:01	 PSU undervoltage detected. Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input voltage is within specifications (180–264 V AC). Plug in both power cords and make sure they are fully inserted. Turn on the printer.
03.22:01	 PSU overvoltage detected. 1. Turn off the printer and unplug both power cords. 2. Check that the power cords are not visibly damaged. 3. Ensure that input voltage is within specifications (180-264 V AC). 4. Plug in both power cords and make sure they are fully inserted. 5. Turn on the printer.
14.72:01	 Zero voltage detected. Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input voltage is within specifications (180-264 V AC). Plug in both power cords and make sure they are fully inserted. Turn on the printer.

Error code	Recommendation			
14.73:01	Very low voltage detected.			
	 Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input voltage is within specifications (180-264 V AC). Plug in both power cords and make sure they are fully inserted. Turn on the printer. 			
14.74:01	Low voltage detected.			
	 Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input voltage is within specifications (180-264 V AC). Plug in both power cords and make sure they are fully inserted. Turn on the printer. 			
14.75:01	Excessive voltage detected.			
	 Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input voltage is within specifications (180-264 V AC). Plug in both power cords and make sure they are fully inserted. Turn on the printer. 			
14.78:01	AC frequency out of range.			
	 Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input frequency is within specifications (50Hz-60Hz). 			
16.10:01	Ambient temperature sensor out of recommended range.			
	 Turn off the printer. Check that the ambient temperature is within printer specifications (15–35°C). Check that the electronic enclosures at the rear of the printer are properly ventilated. Turn on the printer. 			
19.21:10 19.22:10	No AC signal detected in curing board.			
	 Turn off the printer and unplug both power cords. Check that the power cords are not visibly damaged. Ensure that the input voltage is within specifications (180-264 V AC). Plug in both power cords and make sure they are fully inserted. Turn on the printer. 			
21:13	Unable to move the maintenance cartridge along its whole path.			
	 Turn off the printer. While the printer is off, remove the printhead maintenance cartridge manually. Make sure that the printhead maintenance cartridge path is clear. Remove any visible obstacles (paper, plastic parts, and so on) restricting the movement. Reinstall the printhead maintenance cartridge. Turn on the printer. If the error persists, replace the printhead cleaning cartridge. 			
21.2:10	Printhead cleaning cartridge error.			
	 Turn off the printer. Remove and reinsert the printhead cleaning cartridge. Turn on the printer. If the error persists, replace the printhead cleaning cartridge. 			

21.5:03The part that advances the printhead maintenance cartridge web wipe is blocked. 1. Turn off the printer. 2. Manually remove and insert the printhead maintenance cartridge. 3. Turn on the printer. 4. If the error persists, replace the printhead cleaning cartridge. 25.5n:10 (where n = the ink cartridge number)27.1:00Several blocked nozzles have been detected in the optimizer printhead. If print quality is not acceptable, clean or replace the printhead.27.1:00Several blocked nozzles have been detected in one or more printheads. Calibration may have failed due to low printhead performance. Clean all the printheads and check theri status.29.00The printhead cleaning cartridge (part number C2661A) is almost full. It will need to be replaced soon.29.01The printhead cleaning cartridge foor on the right of the printer. 2. Make sure that the printhead cleaning cartridge is correctly. 1. Open the printhead cleaning cartridge is correctly. 3. If the error persists, replace the printhead cleaning cartridge 29.2:0029.2:00Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it.29.2:00Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it.29.2:01Unable to rack the printhead take-up reel. Nemember to cut the substrate first.29.2:01This error occurs when the tension bar stays in one of its sensor trigger positions for more than 8 sconds. The most likely causes of this error are as follows: 	Error code	Recommendation
25.n:10 (where n = the ink cartridge number) A possible error in the lnk cartridge pressure sensor has been detected. The ink level reported may not be accurate. Call your service representative if feasible. 27.1:00 Several blocked nozzles have been detected in the optimizer printhead. If print quality is not acceptable, clean or replace the printhead. 27.n:01 (where n = the printhead slot number) A large number of blocked nozzles have been detected in one or more printheads. Calibration may have failed due to low printhead performance. Clean all the printheads and check their status. 29:00 The printhead cleaning cartridge (part number CZ661A) is almost full. It will need to be replaced soon. 29:01 The printhead cleaning cartridge door on the right of the printer. 2. Make sure that the printhead cleaning cartridge is correctly. 1. Open the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it. 29:101 Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it. 29:2:00 Unable to advance the printhead cleaning roll. Replace the printhead cleaning cartridge. 32:01 The take-up reel is disconnected. If you want to use tha take-up reel, turn off the printer and ensure that all take-up reel. Remember to cut the substrate first. 32:01.1 This error occurs when the tension bar stays in one of its sensor tridger positions for more than 8 scorods. The most likey causes of this error are as follows: •	21.5:03	 The part that advances the printhead maintenance cartridge web wipe is blocked. Turn off the printer. Manually remove and insert the printhead maintenance cartridge. Turn on the printer. If the error persists, replace the printhead cleaning cartridge.
27.1:00Several blocked nozzles have been detected in the optimizer printhead. If print quality is not acceptable, clean or replace the printhead27.n:01 (where n = the printhead slot number)A large number of blocked nozzles have been detected in one or more printheads. Calibration may have failed due to low printhead performance. Clean all the printheads and check their status.29:00The printhead cleaning cartridge (part number C2681A) is almost full. It will need to be replaced soon.29:01The printhead cleaning cartridge is not inserted correctly. 1. Open the printhead cleaning cartridge is correctly seated, then close the door. 3. If the error persists, replace the printhead cleaning cartridge.29.101Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it.29.2:00Unable to advance the printhead cleaning cartridge si no niter cable). If you do not want to use the take-up reel, turn off printer cable). If you do not want to use the take-up reel, turn offs, printer cable). If you do not want to use the substrate first.32:01.1The take-up reel is disconnected. If you want to use bustrate first. manually from the take-up reel. Nemo offs. printer cable). If you do not want to use the substrate first. Substrate has not been taped to the take-up reel wore as es follows: • The winding-directions which on the take-up reel wore as es follows: • The word take-up reel winding direction has been selected. • Something is blocking the movement of the tension bar. • The word on want to use the take-up reel wore is activated, but substrate is not following the correct path between the tension bar. • The word take-up reel winding direction has	25.n:10 (where n = the ink cartridge number)	A possible error in the ink cartridge pressure sensor has been detected. The ink level reported may not be accurate. Call your service representative if feasible.
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29:01The printhead cleaning cartridge is not inserted correctly.1. Open the printhead cleaning cartridge door on the right of the printer.2. Make sure that the printhead cleaning cartridge is correctly seated, then close the door.3. If the error persists, replace the printhead cleaning cartridge.29.1:01Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it.29.2:00Unable to advance the printhead cleaning roll. Replace the printhead cleaning cartridge.32:01The take-up reel is disconnected. If you want to use the take-up reel, turn off the printer and ensure that all take-up reel cables are connected (sensor cables, printer cable). If you do not want to use it, you may need to unload the substrate manually from the take-up reel. Remember to cut the substrate first.32:01.1This error occurs when the tension bar stays in one of its sensor trigger positions 	29:00	The printhead cleaning cartridge (part number CZ681A) is almost full. It will need to be replaced soon.
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29.1:01Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it.29.2:00Unable to advance the printhead cleaning roll. Replace the printhead cleaning cartridge.32:01The take-up reel is disconnected. If you want to use the take-up reel, turn off the printer and ensure that all take-up reel cleabes are connected (sensor cables, printer cable). If you do not want to use the substrate first.32:01.1This error occurs when the tension bar stays in one of its sensor trigger positions for more than 8 seconds. The most likely causes of this error are as follows: • The winding-direction switch on the take-up reel yet. • The winding bit bocking the movement of the tension bar. • The word take-up reel winding direction has been selected. • Something is blocking the movement of the tension bar. • The substrate is not following the correct path between the tension bar and the diverter.41:03Electrical current limit in paper motor. 1. Turn off the printer. 2. Open the window and check for any visible obstacles restricting the advance of the substrate. If there is a wrinkled mass of substrate inside the substrate path. Carfeduly remove as much as possible of the jammed substrate from the top of the printer.42:03Scan-axis motor electrical current limit. 1. Turn off the printer. 2. Open the window, observing all safety procedures, check for any visible obstacles restricting the obstraction. 3. Turn on the printer.		 Open the printhead cleaning cartridge door on the right of the printer. Make sure that the printhead cleaning cartridge is correctly seated, then close the door. If the error persists, replace the printhead cleaning cartridge.
29.2:00Unable to advance the printhead cleaning roll. Replace the printhead cleaning cartridge.32:01The take-up reel is disconnected. If you want to use the take-up reel, turn off the printer and ensure that all take-up reel cables are connected (sensor cables, printer cable). If you do not want to use it, you may need to unload the substrate manually from the take-up reel. Remember to cut the substrate first.32:01.1This error occurs when the tension bar stays in one of its sensor trigger positions for more than 8 seconds. The most likely causes of this error are as follows: • The winding-direction switch on the take-up reel wort is activated, but substrate has not been taped to the take-up reel yet. • The wrong take-up reel winding direction has been selected. • Something is blocking the movement of the tension bar. • The substrate is not following the correct path between the tension bar and the diverter.41:03Electrical current limit in paper motor. 1. Turn off the printer. 2. Open the window and check for any visible obstacles restricting the advance of the substrate. If there is a wrinkled mass of substrate inside the substrate path, Carefully remove as much as possible of the jammed substrate from the top of the printer.42:03Scan-axis motor electrical current limit. 1. Turn off the printer. 2. Open the window, observing all safety procedures, check for any visible obstracles restricting the obstruction. 3. Turn on the printer.	29.1:01	Unable to track the printhead cleaning cartridge status. Check, visually, that the maintenance cartridge has a correct status pattern on it.
32:01The take-up reel is disconnected. If you want to use the take-up reel, turn off the printer cable). If you do not want to use it, you may need to unload the substrate manually from the take-up reel. Remember to cut the substrate first.32:01.1 32:01.2This error occurs when the tension bar stays in one of its sensor trigger positions for more than 8 seconds. The most likely causes of this error are as follows: • The winding-direction switch on the take-up reel motor is activated, but substrate has not been taped to the take-up reel yet. • The wrong take-up reel winding direction has been selected. • Something is blocking the movement of the tension bar. • The substrate is not following the correct path between the tension bar and the diverter.41:03Electrical current limit in paper motor. 1. Turn off the printer. 2. Open the window and check for any visible obstacles restricting the advance of the printer. Cut the substrate in acessary. 3. Turn on the printer.42:03Scan-axis motor electrical current limit. 1. Turn off the printer. 2. Open the window, observing all safety procedures, check for any visible obstacles restricting the obstruction. 3. Turn on the printer.	29.2:00	Unable to advance the printhead cleaning roll. Replace the printhead cleaning cartridge.
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 The winding-direction switch on the take-up reel motor is activated, but substrate has not been taped to the take-up reel yet. The wrong take-up reel winding direction has been selected. Something is blocking the movement of the tension bar. The substrate is not following the correct path between the tension bar and the diverter. Electrical current limit in paper motor. Turn off the printer. Open the window and check for any visible obstacles restricting the advance of the substrate. If there is a wrinkled mass of substrate inside the substrate path, Carefully remove as much as possible of the jammed substrate from the top of the printer. 42:03 Scan-axis motor electrical current limit. Turn off the printer. Open the window, observing all safety procedures, check for any visible obstacles restriction. Turn on the printer. 	32:01.1 32:01.2	This error occurs when the tension bar stays in one of its sensor trigger positions for more than 8 seconds. The most likely causes of this error are as follows:
41:03 Electrical current limit in paper motor. 1. Turn off the printer. 2. Open the window and check for any visible obstacles restricting the advance of the substrate. If there is a wrinkled mass of substrate inside the substrate path, Carefully remove as much as possible of the jammed substrate from the top of the printer. Cut the substrate if necessary. 42:03 Scan-axis motor electrical current limit. 1. Turn off the printer. 2. Open the window, observing all safety procedures, check for any visible obstacles restricting the movement of the carriage, and clear the obstruction. 3. Turn on the printer. 3. Turn on the printer.		 The winding-direction switch on the take-up reel motor is activated, but substrate has not been taped to the take-up reel yet. The wrong take-up reel winding direction has been selected. Something is blocking the movement of the tension bar. The substrate is not following the correct path between the tension bar and the diverter.
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English

Error code	Recommendation			
47.3n:01 HP Latex 570 only	3L supply pump not able to flow ink (color n) to the Intermediate Tank.			
	 n: 1-Magenta 2-Light Magenta 3-Light Cyan 4-Cyan 5-Optimizer 6-Yellow 7-Black Reseat the supply. If the error code appears again proceed with the next steps. Open the cardboard box of the 3L faulty supply leaving the inner bag exposed. You may want to remove the cardboard completely to ensure good access. Connect the supply you just opened. In the front panel, go to Inks, and press "Force refill" (not available while printing) While the manual refill is taking place. Strongly squeeze the ink bag to ensure that ink flows into the pump (push with strong pulses rather than a constant pressure push) Check on the front panel's Ink application that the status of the supply is no longer error or reseat. 			
48:03	Wiper roller electrical current limit.			
	 Turn off the printer. Clean any media jam and reboot. If the problem persists, reduce back-tension of the media from the front panel. 			
54:03	Automatic pinchwheels lifter current limit.			
	 Turn off the printer. Clean any media jam. Make sure there are no fibers entangled in the pinchwheels. Reboot. 			
63:04	An input/output problem has occurred in the network card.			
	 Make sure that the network cable is correctly connected to the network card. Check that your printer firmware is up to date. 			
63:05	The job is reaching the printer too slowly. The printer cancels the job if there are long pauses of more than 20 s.			
	 Make sure that a regulate Efference card is conjectly instance in the computer with the RIP. Check the RIP for any error messages. Check that the computer with the RIP is working correctly and has the minimum specification required by the RIP. Check that the hard disk is neither full nor excessively fragmented. Try reducing the resolution of the job or increasing the number of passes. Check that all the components of your LAN are operating at Gigabit speed. Check whether the option RIP while printing is enabled. This option can cause slow printing if the computer is not sufficiently powerful. 			
68:03	There has been a loss of permanent data, such as configuration or accounting data. This can happen after a firmware update with a data structure not compatible with the older version.			
74:01	An error occurred when uploading the firmware update file.			
	 Turn off the printer by using the Power key on the front panel and the power switch at the rear of the printer. Disconnect the power cord, then reconnect the power cord and turn on the printer. Try again to upload the firmware update file to the printer. 			
78:08	Borderless printing is not possible.			
	 Install the ink collector Send the print job again. 			
78.1:04	The printer has no substrate preset for this substrate. Follow the firmware update procedure to update the printer with the latest substrate presets.			

Error code	Recommendation
78.2:01	The back tension is lost. This could be due to a loose roll core or an imminent end of roll. If these are not the causes, try unloading and reloading the substrate.
78.3:08	Printing with the ink collector is not available in this print mode.
79:03 79:04 79.2:04 19.10:04 19.11:04 19.12:04	Generic firmware error. Update the printer's firmware.
81:01 81.1:01 81:03	 It was impossible to stop the servo correctly before setting the encoder position. Turn off the printer. Open the window, observing all safety procedures, and check for any visible obstacles restricting the movement of the drive roller. If there is a wrinkled mass of substrate inside the substrate path, clear the obstruction. Turn on the printer.
86:01 86.2:01	 There is a problem in the carriage assembly. Turn off the printer. Open the window, observing all safety procedures, and check for any visible obstacles restricting the movement of the drive roller. If there is a wrinkled mass of substrate inside the substrate path, clear the obstruction. Turn on the printer.
87:01	The scan-axis encoder strip is detecting errors in the carriage position. Clean the encoder strip by following the appropriate process in the front panel menu.
89:11 89.1:10 89.2:10	Some printzone LEDs may be failing or disconnected. The printer will continue operating normally, with only this functionality affected.
94:01	Color cannot be calibrated on this substrate. White substrate measurement is out of range.
94:02	Inconsistent colors found.
	 Check that the substrate-type selection in the front panel corrresponds to an actual substrate loaded. Retry calibration.
94:08	Color calibration failed. Try again. See more details about the color calibration functionality in the user guide.
98:03	One or more printheads are malfunctioning. Use the printhead status plot to find out which printheads are malfunctioning, and replace them.

Power specifications

Specification	HP Latex 560/570		
	Printer	Curing	
Input voltage	200–240 V		
Input frequency	50 / 60 Hz		
Maximum load current (per power cord)	11 A	10 A	
Power consumption per power cord in printing mode	2.1 kW	1.9 kW	